



Parameters

CPU Intel Pentium / Celeron (11th Gen)

Memory Up to 32 GB DDR4 SO-DIMM

Storage M.2 2280 NVMe + 2.5" SATA

Display HDMI + DisplayPort, dual output

Network 2 × Gigabit Ethernet

Wireless Optional SIM slot for 4G/5G backhaul

USB 4 × USB 3.0, 2 × USB 2.0

Serial 4 × COM (RS232/RS485 selectable)

OS Windows 10 IoT / Ubuntu 22.04

Environment & Power

Power DC 9-36 V wide input

Operating temp. -20 °C to 60 °C

Typical Applications

· Protocol Conversion

Bridges Modbus, CAN and serial devices to MQTT / OPC UA.

· Data Acquisition

Collects PLC and sensor data at the edge before cloud upload.



I/O Port

- | | | |
|----|--------|----------------------------------|
| 01 | USB | 4 × USB 3.0, 2 × USB 2.0 |
| 02 | Serial | 4 × COM (RS232/RS485 selectable) |

Specification

- | | |
|-----------|---------------------------|
| Enclosure | Fanless aluminium chassis |
|-----------|---------------------------|

Typical Applications

- **Protocol Conversion**
Bridges Modbus, CAN and serial devices to MQTT / OPC UA.
- **Data Acquisition**
Collects PLC and sensor data at the edge before cloud upload.
- **Remote Maintenance**
Secure gateway for VPN access to machines on site.